

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 15   | digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and playback and mode\$2 and color near correct\$3 and (eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/04/06 17:01 |
| S2    | 10   | digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and playback same mode\$2 and color near correct\$3 and (eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/03/13 14:31 |
| S3    | 178  | digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and mode\$2 and color near correct\$3 and (eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/03/13 14:31 |
| S4    | 231  | digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and mode\$2 and ((color or contrast or brightness or gray or gamma) near correct\$3) and (eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/03/13 17:12 |
| S5    | 28   | digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and (play\$6 same mode\$2) and ((color or contrast or brightness or gray or gamma) near correct\$3) and (eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/03/13 14:33 |
| S6    | 175  | digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and mode\$2 and ((color or contrast or brightness or gray or gamma) near correct\$3) and ((eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2) same (detect\$3 or identif\$6 or extract\$3))                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/03/13 14:47 |
| S7    | 34   | digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and mode\$2 and ((color or contrast or brightness or gray or gamma) near correct\$3) and ((eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2) same (detect\$3 or identif\$6 or extract\$3)) and (within or inside) near5 camera | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/03/13 18:40 |

## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S8  | 73  | digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and mode\$2 and ((color or contrast or brightness or gray or gamma) near correct\$3) and ((eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2) same (detect\$3 or identif\$6 or extract\$3)) and (within or inside or in) near5 camera  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/13 14:47 |
| S9  | 51  | ("20010002931"   "20020126893"   "20020138450"   "5177694"   "5218555"   "5329596"   "5432863"   "5488429"   "5633952"   "5638136"   "5678041"   "5748764"   "5754676"   "5765029"   "5771307"   "5778156"   "5796869"   "5805730"   "5813542"   "5828779"   "5832212"   "5835722"   "5852823"   "5857014"   "5872859"   "5911043"   "5937404"   "5949904"   "6009209"   "6016354"   "6041133"   "6049821"   "6065055"   "6065056"   "6067339"   "6115495"   "6122400"   "6128397"   "6134339"   "6148092"   "6182081"   "6204858"   "6252976"   "6259801"   "6266664"   "6278491"   "6286001"   "6407777"   "6631208"   "6798903"   "RE36041").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/03/13 14:57 |
| S10 | 4   | ("5164992"   "5990973"   "6016345"   "6134339").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/03/13 15:17 |
| S11 | 24  | "6252976"   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/03/13 15:17 |
| S12 | 176 | digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and mode\$2 and ((color or contrast or brightness or gray or gamma) near correct\$3) and ((red near eye\$2) or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/13 17:13 |
| S13 | 30  | digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and mode\$2 and ((color or contrast or brightness or gray or gamma) near correct\$3) and ((red near eye\$2) or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2)and (within or inside) near5 camera   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/13 17:14 |

## EAST Search History

|     |    |   |   |    |     |                  |
|-----|----|---|---|----|-----|------------------|
| S14 | 51 | ("20010002931"   "20020126893"   "20020138450"   "5177694"   "5218555"   "5329596"   "5432863"   "5488429"   "5633952"   "5638136"   "5678041"   "5748764"   "5754676"   "5765029"   "5771307"   "5778156"   "5796869"   "5805730"   "5813542"   "5828779"   "5832212"   "5835722"   "5852823"   "5857014"   "5872859"   "5911043"   "5937404"   "5949904"   "6009209"   "6016354"   "6041133"   "6049821"   "6065055"   "6065056"   "6067339"   "6115495"   "6122400"   "6128397"   "6134339"   "6148092"   "6182081"   "6204858"   "6252976"   "6259801"   "6266664"   "6278491"   "6286001"   "6407777"   "6631208"   "6798903"   "RE36041").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/03/13 18:35 |
| S15 | 7  | "6751348"   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/03/13 18:36 |
| S16 | 63 | (face same (detect\$3 or identif\$6 or extract\$3)) and (((red near eye) or color or contrast or brightness or gray or gamma) near correct\$3) and ((eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2) same (detect\$3 or identif\$6 or extract\$3)) and (within or inside) near5 camera  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/04 18:23 |
| S17 | 51 | ("20010002931"   "20020126893"   "20020138450"   "5177694"   "5218555"   "5329596"   "5432863"   "5488429"   "5633952"   "5638136"   "5678041"   "5748764"   "5754676"   "5765029"   "5771307"   "5778156"   "5796869"   "5805730"   "5813542"   "5828779"   "5832212"   "5835722"   "5852823"   "5857014"   "5872859"   "5911043"   "5937404"   "5949904"   "6009209"   "6016354"   "6041133"   "6049821"   "6065055"   "6065056"   "6067339"   "6115495"   "6122400"   "6128397"   "6134339"   "6148092"   "6182081"   "6204858"   "6252976"   "6259801"   "6266664"   "6278491"   "6286001"   "6407777"   "6631208"   "6798903"   "RE36041").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/03/13 18:49 |
| S18 | 8  | ("4285588"   "5016107"   "5070355"   "5202720"   "5452048"   "5748764"   "5761550"   "5991549").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/03/13 18:58 |
| S19 | 15 | ("6407777").URPN.   | USPAT   | OR | OFF | 2007/03/13 19:10 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S20 | 24   | ("4644585"   "4725966"   "5130789"   "5134668"   "5231674"   "5432863"   "5432866"   "5528703"   "5559903"   "5710842"   "5748764"   "5805720"   "5805745"   "5912994"   "5915044"   "5990901"   "5990973"   "6009209"   "6016354"   "6134339"   "6278491"   "6285410"   "6292574"   "6407777").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/03/13 19:18 |
| S21 | 554  | digital near camera and modes and image near captur\$3 and image near correct\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/14 17:38 |
| S22 | 1219 | digital near camera and mode\$2 and image near captur\$3 and image near correct\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/14 17:38 |
| S23 | 2    | digital near camera and mode\$2 and image near captur\$3 and image near correct\$3 and (red near eye same detector)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/03/14 17:39 |
| S24 | 35   | digital near camera and mode\$2 and image near captur\$3 and image near correct\$3 and (red near eye same detect\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/02 13:48 |
| S25 | 31   | ("4503508"   "5012522"   "5086480"   "5103254"   "5164992"   "5283644"   "5430809"   "5432863"   "5432864"   "5629752"   "5642431"   "5687412"   "5710833"   "5715325"   "5719951"   "5749000"   "5781665"   "5835616"   "5850470"   "5870138"   "5873007"   "5973734"   "5986764"   "6035074"   "6263113"   "6271876"   "6278491"   "6301440"   "6332033"   "6597817"   "6608914").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/03/14 17:45 |
| S26 | 7    | ("3805238"   "5550928"   "5559504"   "5901244"   "6049875"   "6118888"   "6230126").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/03/14 17:47 |
| S27 | 62   | digital near camera and preview same LCD same (dispaly or screen) and ((red near eye) or color or tone or exposure or sharpness or luminance or brightness) same (correct\$4 or modif\$6)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/04 18:23 |

## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S28 | 11   | digital near camera and preview same LCD same (dispaly or screen) and ((red near eye) or color or tone or exposure or sharpness or luminance or brightness) same (correct\$4 or modif\$6) and face | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/04 18:22 |
| S29 | 153  | (face same (detect\$3 or identif\$6 or extract\$3)) and (((red near eye) or color or contrast or brightness or gray or gamma) near correct\$3) and (within or inside) near5 camera                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/04 18:25 |
| S30 | 97   | digital near camera and preview same LCD same (dispaly or screen)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/04 18:24 |
| S31 | 418  | digital near camera and preview and LCD same (dispaly or screen)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/04 18:24 |
| S32 | 0    | S29 and S31  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/04 18:24 |
| S33 | 1113 | preview and LCD same (dispaly or screen)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/04 18:24 |
| S34 | 2    | S29 and S33  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/04 18:24 |
| S35 | 11   | ("5231674"   "5325133"   "5432863"   "5570434"   "5680481"   "5790234"   "5850466"   "5978494"   "5990973"   "6016354"   "6064752").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/04/04 18:29 |
| S36 | 8    | ("4768089"   "4819077"   "5003326"   "5089976"   "5130789"   "5130935"   "5202935"   "5204948").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/04/04 18:33 |
| S37 | 39   | ("5432863").URPN.  | USPAT   | OR | OFF | 2007/04/04 18:33 |

## EAST Search History

|     |   |                 |   |    |     |                  |
|-----|---|-----------------|---|----|-----|------------------|
| S38 | 2 | ("5432863").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/06 17:02 |
| S39 | 2 | ("5748764").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/06 17:02 |
| S40 | 2 | ("5892837").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/06 17:04 |
| S41 | 2 | ("6072893").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/06 17:04 |
| S42 | 2 | ("6151403").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/06 17:05 |
| S43 | 2 | ("6134339").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/06 17:06 |
| S44 | 2 | ("6292574").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/06 17:08 |
| S45 | 2 | ("5432863").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/04/06 17:08 |

## EAST Search History

|     |      |  |   |    |     |                  |
|-----|------|--|---|----|-----|------------------|
| S46 | 1396 | face near (detect\$4 or identif\$5 or recogni\$4) and imag\$3 near3 (rotat\$4 or orient\$6)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/01 17:41 |
| S47 | 1086 | face near (detect\$4 or identif\$5 or recogni\$4) and imag\$3 near3 (rotat\$4 or orient\$6) and pixel\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/01 18:31 |
| S48 | 8    | ("4055833"   "4449189"   "4611347"   "4754487"   "4811408"   "4975960"   "4975969"   "5012522").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/09/01 18:10 |
| S49 | 4    | ("5375195"   "5432864"   "5465308"   "5497430").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/09/01 18:24 |
| S50 | 309  | face near (detect\$4 or identif\$5 or recogni\$4) and (rotat\$4 or orient\$6) near4 (correct\$4 or adjust\$4 or chang\$3 or vary\$3) and pixel\$3 near4 (correct\$4 or adjust\$4 or chang\$3 or vary\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/01 18:46 |
| S51 | 2    | ("4975960"   "5761329").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/09/01 18:37 |
| S52 | 201  | fac\$3 near (detect\$4 or identif\$5 or recogni\$4) and (orient\$6) near (correct\$4 or adjust\$4) and pixel\$3 near4 (correct\$4 or adjust\$4 or chang\$3 or vary\$3)                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/01 18:48 |
| S53 | 3319 | (calculat\$3 or determin\$5 or deriv\$5 or obtain\$3 or correct\$4) near4 (fac\$4) near4 (orient\$4 or rotat\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/03 13:47 |
| S54 | 389  | (calculat\$3 or determin\$5 or deriv\$5 or obtain\$3 or correct\$4) near4 (fac\$4) near4 (orient\$4 or rotat\$4) and pixel\$2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/03 14:09 |
| S55 | 720  | (calculat\$3 or determin\$5 or deriv\$5 or obtain\$3 or correct\$4) near4 (face\$2 or facial) same (orient\$4 or rotat\$4) and pixel\$2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/03 14:10 |

## EAST Search History

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S56 | 818 | (calculat\$3 or determin\$5 or deriv\$5 or obtain\$3 or correct\$4 or adjust\$4) near4 (face\$2 or facial) same (orient\$4 or rotat\$4) and pixel\$2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/03 14:14 |
| S57 | 818 | 382/118.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/03 14:11 |
| S58 | 104 | S56 and S57  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/03 14:12 |
| S59 | 215 | (calculat\$3 or determin\$5 or deriv\$5 or obtain\$3 or correct\$4 or adjust\$4) near4 (face\$2 or facial) same (orient\$4 or rotat\$4) and pixel\$2 and (orient\$4 or rotat\$4) near4 (correct\$4 or adjust\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/03 14:15 |
| S60 | 2   | ("6151073").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/03 17:29 |
| S61 | 0   | ide near cable same dvd near player same mpeg same interface   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/04 11:36 |
| S62 | 33  | cable same dvd near player same mpeg same interface  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/09/04 11:36 |
| S63 | 14  | face near (track\$3) same ((in or within) near (camera\$ or (imag\$3 near device)))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/17 22:58 |
| S64 | 7   | ("20040179719"   "20050105780"   "20060008152"   "6463163"   "7082212"   "7194114"   "7227976").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2008/08/17 23:01 |



## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S65 | 63  | (face\$2 or object\$2 or lip\$2 or nos\$4) near (track\$3) same ((in or within) near (camera\$ or (imag\$3 near device)))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/17 23:08 |
| S66 | 7   | (face\$2 or object\$2 or lip\$2 or nos\$4) near (track\$3) same ((in or within) near (thumbnail\$3 or (low near resolution)))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/17 23:12 |
| S67 | 28  | (face\$2 or object\$2 or lip\$2 or nos\$4) near (track\$3) and ((in or within) near (thumbnail\$3 or (low near resolution)))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/17 23:13 |
| S68 | 23  | ("5060135"   "5179421"   "5268734"   "5280530"   "5349658"   "5432597"   "5434617"   "5465144"   "5471296"   "5473369"   "5517300"   "5521634"   "5523783"   "5534917"   "5561518"   "5561519"   "5570177"   "5572317"   "5598209"   "5610653"   "5706457"   "5708845"   "5867584").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2008/08/17 23:14 |
| S69 | 18  | ("20020109782"   "5138460"   "5196629"   "5251037"   "5270756"   "5602566"   "5682197"   "5689302"   "5786804"   "5808678"   "5825350"   "5861916"   "5905525"   "6069648"   "6262769"   "6411275"   "6567068"   "6597817").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2008/08/17 23:28 |
| S70 | 35  | digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and playback and mode\$2 and color near correct\$3 and (eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S71 | 30  | digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and playback same mode\$2 and color near correct\$3 and (eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S72 | 288 | digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and mode\$2 and color near correct\$3 and (eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |

## EAST Search History

|     |     |  |   |    |     |                  |
|-----|-----|--|---|----|-----|------------------|
| S73 | 390 | digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and mode\$2 and ((color or contrast or brightness or gray or gamma) near correct\$3) and (eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S74 | 68  | digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and (play\$6 same mode\$2) and ((color or contrast or brightness or gray or gamma) near correct\$3) and (eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S75 | 304 | digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and mode\$2 and ((color or contrast or brightness or gray or gamma) near correct\$3) and ((eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2) same (detect\$3 or identif\$6 or extract\$3))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S76 | 69  | digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and mode\$2 and ((color or contrast or brightness or gray or gamma) near correct\$3) and ((eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2) same (detect\$3 or identif\$6 or extract\$3)) and (within or inside) near5 camera       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S77 | 132 | digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and mode\$2 and ((color or contrast or brightness or gray or gamma) near correct\$3) and ((eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2) same (detect\$3 or identif\$6 or extract\$3)) and (within or inside or in) near5 camera | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |

## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S78 | 51  | ("20010002931"   "20020126893"   "20020138450"   "5177694"   "5218555"   "5329596"   "5432863"   "5488429"   "5633952"   "5638136"   "5678041"   "5748764"   "5754676"   "5765029"   "5771307"   "5778156"   "5796869"   "5805730"   "5813542"   "5828779"   "5832212"   "5835722"   "5852823"   "5857014"   "5872859"   "5911043"   "5937404"   "5949904"   "6009209"   "6016354"   "6041133"   "6049821"   "6065055"   "6065056"   "6067339"   "6115495"   "6122400"   "6128397"   "6134339"   "6148092"   "6182081"   "6204858"   "6252976"   "6259801"   "6266664"   "6278491"   "6286001"   "6407777"   "6631208"   "6798903"   "RE36041").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2008/08/18 00:18 |
| S79 | 4   | ("5164992"   "5990973"   "6016345"   "6134339").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2008/08/18 00:18 |
| S80 | 35  | "6252976"   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2008/08/18 00:18 |
| S81 | 297 | digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and mode\$2 and ((color or contrast or brightness or gray or gamma) near correct\$3) and ((red near eye\$2) or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S82 | 66  | digital near camera and (face same (detect\$3 or identif\$6 or extract\$3)) and mode\$2 and ((color or contrast or brightness or gray or gamma) near correct\$3) and ((red near eye\$2) or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2)and (within or inside) near5 camera   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |

## EAST Search History

|     |     |   |   |    |     |                  |
|-----|-----|---|---|----|-----|------------------|
| S83 | 51  | ("20010002931"   "20020126893"   "20020138450"   "5177694"   "5218555"   "5329596"   "5432863"   "5488429"   "5633952"   "5638136"   "5678041"   "5748764"   "5754676"   "5765029"   "5771307"   "5778156"   "5796869"   "5805730"   "5813542"   "5828779"   "5832212"   "5835722"   "5852823"   "5857014"   "5872859"   "5911043"   "5937404"   "5949904"   "6009209"   "6016354"   "6041133"   "6049821"   "6065055"   "6065056"   "6067339"   "6115495"   "6122400"   "6128397"   "6134339"   "6148092"   "6182081"   "6204858"   "6252976"   "6259801"   "6266664"   "6278491"   "6286001"   "6407777"   "6631208"   "6798903"   "RE36041").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2008/08/18 00:18 |
| S84 | 12  | "6751348"   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2008/08/18 00:18 |
| S85 | 107 | (face same (detect\$3 or identif\$6 or extract\$3)) and (((red near eye) or color or contrast or brightness or gray or gamma) near correct\$3) and ((eye\$2 or nose\$2 or lip\$2 or ear\$2 or hair\$3 or chin\$2 or shoulder\$2 or torso\$2) same (detect\$3 or identif\$6 or extract\$3)) and (within or inside) near5 camera  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S86 | 51  | ("20010002931"   "20020126893"   "20020138450"   "5177694"   "5218555"   "5329596"   "5432863"   "5488429"   "5633952"   "5638136"   "5678041"   "5748764"   "5754676"   "5765029"   "5771307"   "5778156"   "5796869"   "5805730"   "5813542"   "5828779"   "5832212"   "5835722"   "5852823"   "5857014"   "5872859"   "5911043"   "5937404"   "5949904"   "6009209"   "6016354"   "6041133"   "6049821"   "6065055"   "6065056"   "6067339"   "6115495"   "6122400"   "6128397"   "6134339"   "6148092"   "6182081"   "6204858"   "6252976"   "6259801"   "6266664"   "6278491"   "6286001"   "6407777"   "6631208"   "6798903"   "RE36041").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2008/08/18 00:18 |
| S87 | 8   | ("4285588"   "5016107"   "5070355"   "5202720"   "5452048"   "5748764"   "5761550"   "5991549").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2008/08/18 00:18 |
| S88 | 25  | ("6407777").URPN.   | USPAT   | OR | OFF | 2008/08/18 00:18 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S89 | 24   | ("4644585"   "4725966"   "5130789"   "5134668"   "5231674"   "5432863"   "5432866"   "5528703"   "5559903"   "5710842"   "5748764"   "5805720"   "5805745"   "5912994"   "5915044"   "5990901"   "5990973"   "6009209"   "6016354"   "6134339"   "6278491"   "6285410"   "6292574"   "6407777").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2008/08/18 00:18 |
| S90 | 764  | digital near camera and modes and image near captur\$3 and image near correct\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S91 | 1735 | digital near camera and mode\$2 and image near captur\$3 and image near correct\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S92 | 3    | digital near camera and mode\$2 and image near captur\$3 and image near correct\$3 and (red near eye same detector)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S93 | 51   | digital near camera and mode\$2 and image near captur\$3 and image near correct\$3 and (red near eye same detect\$4)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S94 | 31   | ("4503508"   "5012522"   "5086480"   "5103254"   "5164992"   "5283644"   "5430809"   "5432863"   "5432864"   "5629752"   "5642431"   "5687412"   "5710833"   "5715325"   "5719951"   "5749000"   "5781665"   "5835616"   "5850470"   "5870138"   "5873007"   "5973734"   "5986764"   "6035074"   "6263113"   "6271876"   "6278491"   "6301440"   "6332033"   "6597817"   "6608914").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2008/08/18 00:18 |
| S95 | 7    | ("3805238"   "5550928"   "5559504"   "5901244"   "6049875"   "6118888"   "6230126").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2008/08/18 00:18 |
| S96 | 77   | digital near camera and preview same LCD same (dispaly or screen) and ((red near eye) or color or tone or exposure or sharpness or luminance or brightness) same (correct\$4 or modif\$6)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |

## EAST Search History

|      |      |  |   |    |     |                  |
|------|------|--|---|----|-----|------------------|
| S97  | 20   | digital near camera and preview same LCD same (dispaly or screen) and ((red near eye) or color or tone or exposure or sharpness or luminance or brightness) same (correct\$4 or modif\$6) and face | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S98  | 236  | (face same (detect\$3 or identif\$6 or extract\$3)) and (((red near eye) or color or contrast or brightness or gray or gamma) near correct\$3) and (within or inside) near5 camera                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S99  | 121  | digital near camera and preview same LCD same (dispaly or screen)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S100 | 558  | digital near camera and preview and LCD same (dispaly or screen)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S101 | 3    | S98 and S100   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S102 | 1550 | preview and LCD same (dispaly or screen)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S103 | 5    | S98 and S102   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S104 | 11   | ("5231674"   "5325133"   "5432863"   "5570434"   "5680481"   "5790234"   "5850466"   "5978494"   "5990973"   "6016354"   "6064752").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2008/08/18 00:18 |
| S105 | 8    | ("4768089"   "4819077"   "5003326"   "5089976"   "5130789"   "5130935"   "5202935"   "5204948").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2008/08/18 00:18 |
| S106 | 45   | ("5432863").URPN.  | USPAT   | OR | OFF | 2008/08/18 00:18 |

## EAST Search History

|          |   |                 |   |    |     |                  |
|----------|---|-----------------|---|----|-----|------------------|
| S10<br>7 | 2 | ("5432863").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S10<br>8 | 2 | ("5748764").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S10<br>9 | 2 | ("5892837").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S11<br>0 | 2 | ("6072893").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S11<br>1 | 2 | ("6151403").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S11<br>2 | 2 | ("6134339").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S11<br>3 | 2 | ("6292574").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S11<br>4 | 2 | ("5432863").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |

## EAST Search History

|          |      |  |   |    |     |                  |
|----------|------|--|---|----|-----|------------------|
| S11<br>5 | 1685 | face near (detect\$4 or identif\$5 or recogni\$4) and imag\$3 near3 (rotat\$4 or orient\$6)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S11<br>6 | 1303 | face near (detect\$4 or identif\$5 or recogni\$4) and imag\$3 near3 (rotat\$4 or orient\$6) and pixel\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S11<br>7 | 8    | ("4055833"   "4449189"   "4611347"   "4754487"   "4811408"   "4975960"   "4975969"   "5012522").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2008/08/18 00:18 |
| S11<br>8 | 4    | ("5375195"   "5432864"   "5465308"   "5497430").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2008/08/18 00:18 |
| S11<br>9 | 374  | face near (detect\$4 or identif\$5 or recogni\$4) and (rotat\$4 or orient\$6) near4 (correct\$4 or adjust\$4 or chang\$3 or vary\$3) and pixel\$3 near4 (correct\$4 or adjust\$4 or chang\$3 or vary\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S12<br>0 | 2    | ("4975960"   "5761329").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2008/08/18 00:18 |
| S12<br>1 | 252  | fac\$3 near (detect\$4 or identif\$5 or recogni\$4) and (orient\$6) near (correct\$4 or adjust\$4) and pixel\$3 near4 (correct\$4 or adjust\$4 or chang\$3 or vary\$3)                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S12<br>2 | 3573 | (calculat\$3 or determin\$5 or deriv\$5 or obtain\$3 or correct\$4) near4 (fac\$4) near4 (orient\$4 or rotat\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S12<br>3 | 467  | (calculat\$3 or determin\$5 or deriv\$5 or obtain\$3 or correct\$4) near4 (fac\$4) near4 (orient\$4 or rotat\$4) and pixel\$2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S12<br>4 | 822  | (calculat\$3 or determin\$5 or deriv\$5 or obtain\$3 or correct\$4) near4 (face\$2 or facial) same (orient\$4 or rotat\$4) and pixel\$2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |



## EAST Search History

|          |      |  |   |    |     |                  |
|----------|------|--|---|----|-----|------------------|
| S12<br>5 | 937  | (calculat\$3 or determin\$5 or deriv\$5 or obtain\$3 or correct\$4 or adjust\$4) near4 (face\$2 or facial) same (orient\$4 or rotat\$4) and pixel\$2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S12<br>6 | 1040 | 382/118.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S12<br>7 | 128  | S125 and S126  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S12<br>8 | 255  | (calculat\$3 or determin\$5 or deriv\$5 or obtain\$3 or correct\$4 or adjust\$4) near4 (face\$2 or facial) same (orient\$4 or rotat\$4) and pixel\$2 and (orient\$4 or rotat\$4) near4 (correct\$4 or adjust\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S12<br>9 | 2    | ("6151073").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:18 |
| S13<br>0 | 0    | ide near cable same dvd near player same mpeg same interface   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:19 |
| S13<br>1 | 35   | cable same dvd near player same mpeg same interface  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:19 |
| S13<br>2 | 14   | face near (track\$3) same ((in or within) near (camera\$ or (imag\$3 near device)))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:19 |
| S13<br>3 | 7    | ("20040179719"   "20050105780"   "20060008152"   "6463163"   "7082212"   "7194114"   "7227976").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2008/08/18 00:19 |

## EAST Search History

|          |      |   |   |    |     |                  |
|----------|------|---|---|----|-----|------------------|
| S13<br>4 | 63   | (face\$2 or object\$2 or lip\$2 or nos\$4) near (track\$3) same ((in or within) near (camera\$ or (imag\$3 near device)))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:19 |
| S13<br>5 | 7    | (face\$2 or object\$2 or lip\$2 or nos\$4) near (track\$3) same ((in or within) near (thumbnail\$3 or (low near resolution)))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:19 |
| S13<br>6 | 28   | (face\$2 or object\$2 or lip\$2 or nos\$4) near (track\$3) and ((in or within) near (thumbnail\$3 or (low near resolution)))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:19 |
| S13<br>7 | 23   | ("5060135"   "5179421"   "5268734"   "5280530"   "5349658"   "5432597"   "5434617"   "5465144"   "5471296"   "5473369"   "5517300"   "5521634"   "5523783"   "5534917"   "5561518"   "5561519"   "5570177"   "5572317"   "5598209"   "5610653"   "5706457"   "5708845"   "5867584").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2008/08/18 00:19 |
| S13<br>8 | 18   | ("20020109782"   "5138460"   "5196629"   "5251037"   "5270756"   "5602566"   "5682197"   "5689302"   "5786804"   "5808678"   "5825350"   "5861916"   "5905525"   "6069648"   "6262769"   "6411275"   "6567068"   "6597817").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2008/08/18 00:19 |
| S13<br>9 | 4382 | 382/103,115-118.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:46 |
| S14<br>0 | 76   | (face\$2 or object\$2 or lip\$2 or nos\$4) near (track\$3) same (thumbnail\$3 or (low near resolution))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:51 |
| S14<br>1 | 971  | (face\$2 or object\$2 or lip\$2 or nos\$4 or person\$2 or human) near (track\$3) and (thumbnail\$3 or (low near resolution))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:53 |

## EAST Search History

|          |      |   |   |    |     |                  |
|----------|------|---|---|----|-----|------------------|
| S14<br>2 | 4382 | 382/103,115-118.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:54 |
| S14<br>3 | 113  | S141 and S142   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 00:54 |
| S14<br>4 | 4580 | 348/61,77-78,143,152,155,158,207.99.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 01:15 |
| S14<br>5 | 971  | (face\$2 or object\$2 or lip\$2 or nos\$4 or person\$2 or human) near (track\$3) and (thumbnail\$3 or (low near resolution))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 01:16 |
| S14<br>6 | 51   | S144 and S145   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 01:16 |
| S14<br>7 | 2169 | (face\$2 or object\$2 or lip\$2 or nos\$4 or person\$2 or human) near4 (track\$3) and (thumbnail\$3 or (low near resolution)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 01:16 |
| S14<br>8 | 64   | S144 and S147   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 01:16 |
| S14<br>9 | 0    | eran near stienberg   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 01:37 |

## EAST Search History

|          |     |   |   |    |     |                  |
|----------|-----|---|---|----|-----|------------------|
| S15<br>0 | 141 | eran near steinberg   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 01:37 |
| S15<br>1 | 90  | eran near steinberg and face                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 01:37 |
| S15<br>2 | 89  | eran near steinberg and face and pixel\$3                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 01:38 |
| S15<br>3 | 31  | eran near steinberg and face same<br>(track\$3) and pixel\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 01:38 |
| S15<br>4 | 6   | yury near prilutsky and face same (track\$3)<br>and pixel\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 01:51 |
| S15<br>5 | 31  | peter near corcoran and face same<br>(track\$3) and pixel\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 01:51 |
| S15<br>6 | 0   | petronel near bigloi and face same<br>(track\$3) and pixel\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 01:52 |
| S15<br>7 | 0   | petronel near bigloi and face and pixel\$3                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 01:52 |

## EAST Search History

|          |      |  |   |    |     |                  |
|----------|------|--|---|----|-----|------------------|
| S15<br>8 | 64   | petronel near bigioi and face and pixel\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 01:52 |
| S15<br>9 | 22   | petronel near bigioi and face same<br>(track\$3) and pixel\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/08/18 01:52 |
| S16<br>0 | 30   | ("5111231"   "5305048"   "4796043"  <br>"5051770"   "5493409"   "5966549"  <br>"6816611"   "6792135"   "4970663"  <br>"6246779"   "4975969"   "5008946"  <br>"5161204"   "5331544"   "5465308"  <br>"5715325"   "5771307"   "5850470"  <br>"5905807"   "6108437"   "6128398"  <br>"6173068"   "6463163"   "6529630"  <br>"6549641"   "6959109"   "7027621"<br>  "7043465"   "7194114"   "7227976").PN. | USPAT   | OR | OFF | 2008/08/18 02:48 |
| S16<br>1 | 38   | (camera and face and detect\$3 and<br>track\$3 and pixel\$3 and low and<br>resolution).clm.  | US-PGPUB  | OR | OFF | 2008/08/18 02:49 |
| S16<br>2 | 35   | (camera and face and detect\$3 and<br>track\$3 and pixel\$3 and low and resolution<br>and adjust\$3).clm.  | US-PGPUB  | OR | OFF | 2008/08/18 02:50 |
| S16<br>3 | 4659 | exposure same flash\$3 same (weight\$3 or<br>distan\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/05 08:52 |
| S16<br>4 | 168  | exposure same flash\$3 same (weight\$3 or<br>distan\$3) and camera\$2 and face\$2 and<br>pixel\$2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/05 08:53 |
| S16<br>5 | 1    | (flash and face and pixel\$2 and camera<br>and low and resolution and image).clm.  | US-PGPUB  | OR | OFF | 2008/09/05 09:02 |
| S16<br>6 | 8897 | 348/61,68,77-78,143,152,155,158,169,<br>207.99,220.1-229.1.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/05 09:30 |

## EAST Search History

|          |      |   |   |    |     |                  |
|----------|------|---|---|----|-----|------------------|
| S16<br>7 | 4659 | exposure same flash\$3 same (weight\$3 or<br>distan\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/05 09:30 |
| S16<br>8 | 103  | S166 and S167   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/05 09:30 |
| S16<br>9 | 7321 | 382/103,115-118,254,274.ccls.                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/05 09:44 |
| S17<br>0 | 4659 | exposure same flash\$3 same (weight\$3 or<br>distan\$3) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/05 09:44 |
| S17<br>1 | 26   | S169 and S170   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/09/05 09:44 |